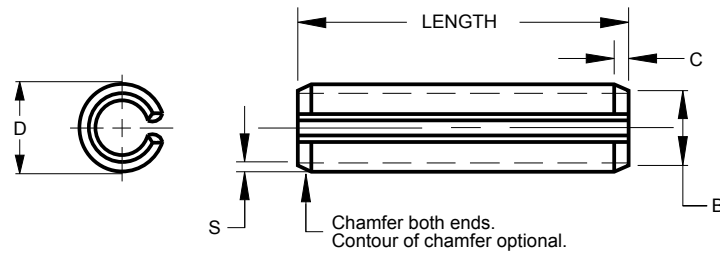


STANDARD METRIC



DESIGNED FOR AUTOMATIC
FEEDING AND INSTALLATION

METRIC SPECIFICATIONS

NOMINAL DIAMETER ➤		1.5	2	2.5	3	4	5	6	8	10	12
DIAMETER ØD	MAX.	1.66	2.19	2.72	3.25	4.30	5.33	6.36	8.45	10.51	12.55
	MIN.	1.58	2.10	2.62	3.14	4.16	5.17	6.18	8.22	10.25	12.28
CHAMFER DIAMETER B	MAX.	1.4	1.9	2.4	2.9	3.9	4.8	5.8	7.8	9.7	11.7
CHAMFER LENGTH C	MAX.	0.7	0.8	0.9	1.0	1.2	1.4	1.6	2.0	2.4	2.8
	MIN.	0.15	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
WALL THICKNESS S	NOMINAL	0.35	0.45	0.55	0.65	0.8	1.0	1.2	1.6	2.0	2.5
RECOMMENDED HOLE SIZE	MAX.	1.56	2.07	2.58	3.10	4.12	5.12	6.12	8.15	10.15	12.18
	MIN.	1.5	2.00	2.50	3.00	4.00	5.00	6.00	8.00	10.00	12.00
MIN. DOUBLE SHEAR STRENGTH, kN ¹	CARBON & MARTENSITIC SST	1.8	3.5	5.5	7.8	12.3	19.6	28.5	48.8	79.1	104.1
	AUSTENITIC SST	1.0	2.0	3.2	4.5	7.2	11.4	16.6	28.4	46.1	—

STANDARD SIZES

NOMINAL DIAMETER ➤		1.5	2	2.5	3	4	5	6	8	10	12
LENGTH	4	*									
	5	*	*								
	6	*	*	*	*						
	8	*	*	*	*	*					
	10	*	*	*	*	*					
	12	*	*	*	*	*	*	*			
	14	*	*	*	*	*	*	*			
	16	*	*	*	*	*	*	*	*		
	18	*	*	*	*	*	*	*	*	*	
	20	*	*	*	*	*	*	*	*	*	
	22	*	*	*	*	*	*	*	*	*	*
	24		*	*	*	*	*	*	*	*	
	26		*	*	*	*	*	*	*	*	
	28		*	*	*	*	*	*	*	*	
	30		*	*	*	*	*	*	*	*	*
	32				*	*	*	*	*	*	*
	35				*	*	*	*	*	*	*
	40				*	*	*	*	*	*	*
	45					*	*	*	*	*	*
	50					*	*	*	*	*	*
	55						*	*	*	*	*
	60							*	*	*	*
	65							*	*	*	*
	70							*	*	*	*
	75								*	*	*
	80									*	*
	85										*
	90										
	95										
	100										

Nominal Pin Length		Length Tolerance	
Up to 24mm incl.		± 0.40mm	
Over 24mm to 50mm incl.		± 0.50mm	
Over 50mm to 75mm incl.		± 0.60mm	
Over 75mm		± 0.75mm	

Straightness Gauge Specifications ²			
Nominal Pin Length	Gage Length	Gage Hole Diameter = Maximum Pin Diameter Plus:	
		MIN.	MAX.
Up to 24mm incl.	25mm ± 0.15mm	0.20mm	0.22mm
24mm – 50mm	50mm ± 0.15mm	0.40mm	0.43mm
Over 50mm	75mm ± 0.15mm	0.60mm	0.64mm

Available in high carbon (B) and stainless steel (C, D)

Only available in high carbon (B)

* Generally stocked size

¹ Shear tests performed in accordance with ASME B18.8.4M & ISO 8749

² The straightness over the length of the pin shall be such that the pin will pass freely through a ring gage of the length and diameter specified.

- All dimensions apply prior to plating
- Other sizes and materials available to order
- ASME B18.8.4M Type B is based on SPIROL's specifications. SPIROL Standard Slotted Pins meet or exceed ASME B18.8.4M Type B.

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Please refer to www.SPIROL.co.uk for current specifications and standard product offerings.

SPIROL Application Engineers will review your application needs and work with you to recommend the optimum solution. One way to start the process is to visit our **Optimal Application Engineering** portal at **SPIROL.co.uk**.